

## a-AMYLASE MUTANTS

### ABSTRACT

5 The invention relates to a variant of a parent Termamyl-like a-amylase, which variant has a-amylase activity and exhibits an alteration in at least one of the following properties relative to said parent a-amylase: substrate specificity, substrate binding, substrate cleavage pattern, thermal stability,  
10 pH/activity profile, pH/stability profile, stability towards oxidation,  $\text{Ca}^{2+}$  dependency and specific activity.